



## Company Profile

A-P-T Research, Inc. (Analysis, Planning, Test Research, or "APT"), is an employee-owned, small business based in Huntsville, Alabama. APT provides professional engineering services in a variety of disciplines including:

- Systems engineering
- Risk assessment and analysis
- Test planning
- Range safety
- System safety
- Explosives safety
- Mission assurance
- Industrial and quality engineering
- Software development and modeling
- Other related areas

Our personnel are company owners and each share in the commitment to APT's corporate mission of continually providing state-of-the-art expertise and ensuring the highest level of client satisfaction. APT employees combine excellence in their disciplines with enthusiasm, versatility, and willingness to "pitch in" wherever needed to support customers, and to perform the many functions of a small company. Employees share ownership in the company and participate in corporate planning and operation. We are both motivated and empowered to provide optimum, flexible support to customers.

Since APT's incorporation in June 1990, the officers have carefully and deliberately built the company's strong technical and administrative infrastructure. Experienced engineers have been chosen to lead project areas, policies and procedures have been developed to address the diverse aspects of contracting and administration, and exemplary personnel have been selected to fill specialty roles. APT proudly continues to provide top-quality services to satisfied and loyal customers.

APT supports many government, safety offices, and industries. A few of APT's customers include Missile Defense Agency (MDA), National Aeronautics and Space Administration (NASA), AMCOM, US Army Space and Missile Defense Command (USASMDC), White Sands Missile Range (WSMR), Yuma Proving Ground (YPG), , US Air Force, DoD Explosives Safety Board (DDESB), 45th Space Wing, and the Federal Aviation Administration (FAA).



Schedule Title:	<b>Professional Services Schedule (PSS)</b>
SIC:	8711, 8731, 8742
NAICS:	541330 (with the military and aerospace equipment and military weapons exception/\$38.5M), 541712, 541690
APT Contract Number:	GS-23F-0153L
Contract Period:	4/6/2001-4/5/2021
Business Size:	Small Business

## Contact Information

### Address

A-P-T Research, Inc.  
4950 Research Drive  
Huntsville, AL 35805  
[www.apr-research.com](http://www.apr-research.com)  
(P) 256-327-3373  
(F) 256-837-7786

### Technical Points of Contact

Alex Adams  
(256) 327-4019  
[aadams@apr-research.com](mailto:aadams@apr-research.com)

Rhonda Barnes  
(256) 327-4006  
[rbarnes@apr-research.com](mailto:rbarnes@apr-research.com)

Saralyn Dwyer  
(256) 327-3377  
[sdwyer@apr-research.com](mailto:sdwyer@apr-research.com)

John Fellows  
(256) 327-3388  
[jfellows@apr-research.com](mailto:jfellows@apr-research.com)

### Contract Administration

Rebecca Merrill  
(256) 327-4015  
[rmerrill@apr-research.com](mailto:rmerrill@apr-research.com)/  
[contracts@apr-research.com](mailto:contracts@apr-research.com)

Meredith Hardwick  
(256) 327-3380  
[mhardwick@apr-research.com](mailto:mhardwick@apr-research.com)

## Using the GSA Schedule Contract

Obtaining our services through our Professional Services Schedule (PSS) is relatively easy using the GSA process. Under this multiple award contract, GSA has determined the prices on all of the Federal Supply Schedules to be fair and reasonable based on their competition prior to award (FAR 8.404). There is no need to synopsise your requirements in the FedBizOps or compete a new contract. Placing an order is fairly simple: after reviewing three Contractor Schedules, you determine which Schedule holder offers the best overall value to your Agency and then fill out the procurement form used by your Agency and submit it to your contracting office.

### **Services are available under the following Special Item Numbers (SINs).**

#### ***871-1 and 871-1(RC) Strategic Planning for Technology Programs/Activity***

Services under this item involve the definition and interpretation of high-level organizational engineering performance requirements such as projects, systems, missions, etc. and the objectives and approaches to their achievement. Typical associated tasks include, but are not limited to, an analysis of mission, program goals and objectives, requirements analysis, organizational performance assessment, special studies and analysis, training, privatization and outsourcing.

#### ***871-4 and 871-4(RC) Test and Evaluation***

Services required under this item involve the application of various techniques demonstrating that a prototype system (subsystem, program, project, or activity) performs in accordance with the objectives outlined in the original design. Typical associated tasks include, but are not limited to, testing of a prototype and first article(s) testing, environmental testing, independent verification and validation, reverse engineering, simulation and modeling (to test the feasibility of a concept) system safety, quality assurance, physical testing of the product or system, training, privatization and outsourcing.

#### ***871-6 and 871-6(RC) Acquisition and Life Cycle Management***

Services required under this item involve all of the planning, budgetary, contract and system/program management execution functions required to procure and/or produce, render operational and provide life cycle support (maintenance, repair, supplies, engineering specific logistics) to technology-based systems, activities, subsystems, projects, etc. Typical associated tasks include, but are not limited to operation and maintenance, program/project management, technology transfer/insertion, training, privatization and outsourcing.

## Customer Information

1.

1a. Table of awarded special item number(s) (SIN):

SIN	Recovery	SIN Description
871-1	871-1RC	Strategic Planning for Technology Programs/Activities
871-4	871-4RC	Test and Evaluation
871-6	871-6RC	Acquisition and Life Cycle Management

1b. Identification of the lowest priced model number: **Not Applicable.**

1c. Description of all corresponding commercial job titles, experience, functional responsibility and education for all employees or subcontractors who perform services.

**The Service Contract Act (SCA) is applicable to this contract and as it applies to the entire 00CORP Professional Services Schedule and all services provided. While no specific labor categories have been identified as being subject to SCA due to exemptions for professional employees (FAR 22.1101, 22.1102 and 29CFR 5413.300), this contract still maintains the provisions and protections for SCA eligible labor categories. If and/or when the Contractor adds SCA labor categories / employees to the contract through the modification process, the Contractor must inform the Contracting Officer and establish a SCA matrix identifying the GSA labor category titles, the occupational code, SCA labor category titles and applicable wage determination (WD) number. Failure to do so may result in cancellation of the contract.**

**Note that 4 years of experience may be substituted for a bachelor's degree and 8 years of experience for a master's degree.**

Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
Senior Principal Investigator III	Masters 35 yrs experience, Bachelors 39 yrs experience, plus 25 yrs direct experience	Serves as Senior Principle Investigator for research studies. Has overall responsibility for client interaction and the technical conduct of a study as well as for the interpretation, analysis, documentation, and reporting of results; represents the single point of control for projects; coordinates efforts of the study team; manages client relationships; compiles and communicates study requirements to appropriate team members; develops protocols and ensures that the protocol and report, including any changes, are approved and in compliance with appropriate SOPs, quality agreements, and regulatory agency guidelines; leads and supports project teams for continuous process improvement; innovates and suggests new business ideas and concepts, including expansion of current project; provides relevant information to assure accuracy of forecast and revenue recognition, reviews cost estimates and financial information for accuracy; monitors progress and status of assigned studies; leads efforts with the study team to troubleshoot and solve problems, as necessary; reviews report for accuracy and completeness; provides technical/scientific guidance and leadership to ensure project completion and to other areas of the company; provides post-project analysis of study performance; leads and sponsors client visits;

Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
		responsible for ensuring that any unforeseen circumstances that may affect the quality and integrity of a study are identified and documented as they occur and corrective action is taken; responds to unscheduled deadlines, client needs, and crises without neglecting other duties; authors scientific papers, which are published or presented at scientific meetings; evaluates data to assure regulatory guidelines and scientific expectations are met; on a broad basis, is able to apply appropriate principles, theories, and concepts in the field of discipline; applies a working knowledge of related disciplines; mentors and trains less-experienced staff.
Senior Principal Investigator II	Masters 30 yrs experience, Bachelors 34 yrs experience, plus 20 yrs direct experience	Serves as Senior Principle Investigator for research studies. Has overall responsibility for client interaction and the technical conduct of a study as well as for the interpretation, analysis, documentation, and reporting of results; represents the single point of control for projects; coordinates efforts of the study team; manages client relationships; compiles and communicates study requirements to appropriate team members; develops protocols and ensures that the protocol and report, including any changes, are approved and in compliance with appropriate SOPs, quality agreements, and regulatory agency guidelines; leads and supports project teams for continuous process improvement; innovates and suggests new business ideas and concepts, including expansion of current project; provides relevant information to assure accuracy of forecast and revenue recognition, reviews cost estimates and financial information for accuracy; monitors progress and status of assigned studies; leads efforts with the study team to troubleshoot and solve problems, as necessary; reviews report for accuracy and completeness; provides technical/scientific guidance and leadership to ensure project completion and to other areas of the company; provides post-project analysis of study performance; leads and sponsors client visits; responsible for ensuring that any unforeseen circumstances that may affect the quality and integrity of a study are identified and documented as they occur and corrective action is taken; responds to unscheduled deadlines, client needs, and crises without neglecting other duties; authors scientific papers, which are published or presented at scientific meetings; evaluates data to assure regulatory guidelines and scientific expectations are met; on a broad basis, is able to apply appropriate principles, theories, and concepts in the field of discipline; applies a working knowledge of related disciplines; mentors and trains less-experienced staff.
Senior Principal Investigator I	Masters 25 yrs experience, Bachelors 29 yrs experience, plus 15 yrs direct experience	Serves as Senior Principle Investigator for research studies. Has overall responsibility for client interaction and the technical conduct of a study as well as for the interpretation, analysis, documentation, and reporting of results; represents the single point of control for projects; coordinates efforts of the study team; manages client relationships; compiles and communicates study requirements to appropriate team members; develops protocols and ensures that the protocol and report, including any changes, are approved and in compliance with appropriate SOPs, quality agreements, and regulatory agency guidelines; leads and supports project teams for continuous process improvement; innovates and suggests new business ideas and concepts, including expansion of current project; provides relevant information to assure accuracy of forecast and revenue recognition, reviews cost estimates and financial information for accuracy; monitors progress and

Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
		<p>status of assigned studies; leads efforts with the study team to troubleshoot and solve problems, as necessary; reviews report for accuracy and completeness; provides technical/scientific guidance and leadership to ensure project completion and to other areas of the company; provides post-project analysis of study performance; leads and sponsors client visits; responsible for ensuring that any unforeseen circumstances that may affect the quality and integrity of a study are identified and documented as they occur and corrective action is taken; responds to unscheduled deadlines, client needs, and crises without neglecting other duties; authors scientific papers, which are published or presented at scientific meetings; evaluates data to assure regulatory guidelines and scientific expectations are met; on a broad basis, is able to apply appropriate principles, theories, and concepts in the field of discipline; applies a working knowledge of related disciplines; mentors and trains less-experienced staff.</p>
Technical Subject Expert I	Bachelors 14 yrs experience, Internationally Recognized Expert	<p>Serves as Senior Principle Investigator for research studies. Has overall responsibility for client interaction and the technical conduct of a study as well as for the interpretation, analysis, documentation, and reporting of results; represents the single point of control for projects; coordinates efforts of the study team; manages client relationships; compiles and communicates study requirements to appropriate team members; develops protocols and ensures that the protocol and report, including any changes, are approved and in compliance with appropriate SOPs, quality agreements, and regulatory agency guidelines; leads and supports project teams for continuous process improvement; innovates and suggests new business ideas and concepts, including expansion of current project; provides relevant information to assure accuracy of forecast and revenue recognition, reviews cost estimates and financial information for accuracy; monitors progress and status of assigned studies; leads efforts with the study team to troubleshoot and solve problems, as necessary; reviews report for accuracy and completeness; provides technical/scientific guidance and leadership to ensure project completion and to other areas of the company; provides post-project analysis of study performance; leads and sponsors client visits; responsible for ensuring that any unforeseen circumstances that may affect the quality and integrity of a study are identified and documented as they occur and corrective action is taken; responds to unscheduled deadlines, client needs, and crises without neglecting other duties; authors scientific papers, which are published or presented at scientific meetings; evaluates data to assure regulatory guidelines and scientific expectations are met; on a broad basis, is able to apply appropriate principles, theories, and concepts in the field of discipline; applies a working knowledge of related disciplines; mentors and trains less-experienced staff.</p>
Task Order PM	Masters 20 yrs experience, Bachelors 24	<p>Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer; formulates and enforces work standards; develops schedules; reviews work plans; communicates policies, purposes and goals of the organization; and manages funds and resources.</p>



Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
Technical/ Division Manager	Masters 16 yrs experience, Bachelors 20 yrs experience, plus 7 yrs leadership	Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer; formulates and enforces work standards; develops schedules; reviews work plans; communicates policies, purposes and goals of the organization; and manages funds and resources.
Program Manager, Project Leader	Masters 12 yrs experience, Bachelors 16 yrs experience, plus 3 yrs leadership	Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer; formulates and enforces work standards; develops schedules; reviews work plans; communicates policies, purposes and goals of the organization; and manages funds and resources.
Task Leader, Group Leader	Masters 9 yrs experience, Bachelors 13 yrs experience	Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer; formulates and enforces work standards; develops schedules; reviews work plans; communicates policies, purposes and goals of the organization; and manages funds and resources.
Senior Management/ Technical III	Bachelors 15 yrs experience	Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer; formulates and enforces work standards; develops schedules; reviews work plans; communicates policies, purposes and goals of the organization; and manages funds and resources.
Senior Management/ Technical II	Bachelors 12 yrs experience	Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer; formulates and enforces work standards; develops schedules; reviews work plans; communicates policies, purposes and goals of the organization; and manages funds and resources.
Senior Management/ Technical I	Bachelors 10 yrs experience	Directs, plans, organizes, and controls the project to ensure that all project obligations are fulfilled in an effective and timely manner. Serves as point of contact with the customer; formulates and enforces work standards; develops schedules; reviews work plans; communicates policies, purposes and goals of the organization; and manages funds and resources.
Principal Engineer	Bachelors 16 yrs experience	Plan, schedule, and conduct or coordinate detailed engineering and scientific work for tests and projects. This work may involve sampling for hazardous chemicals, conducting surveys on levels of exposure to ionizing or non-ionizing radiation, conducting training, evaluating engineering designs of systems and conducting physical inspections. The goal is to determine adequate levels of protection, and make recommendations for design changes or procedural changes to ensure the mitigation of hazards and compliance with applicable standards, regulations and laws.
System Safety Engineer III	Bachelors 12 yrs experience	Plan, schedule, and conduct or coordinate detailed engineering and scientific work for tests and projects. This work may involve sampling for hazardous chemicals, conducting surveys on levels of exposure to ionizing or non-ionizing radiation, conducting training, evaluating engineering designs of systems and conducting physical inspections. The goal is to determine adequate levels of protection, and make recommendations for design

Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
System Safety Engineer II	Bachelors 8 yrs experience	<p>changes or procedural changes to ensure the mitigation of hazards and compliance with applicable standards, regulations and laws.</p> <p>Plan, schedule, and conduct or coordinate detailed engineering and scientific work for tests and projects. This work may involve sampling for hazardous chemicals, conducting surveys on levels of exposure to ionizing or non-ionizing radiation, conducting training, evaluating engineering designs of systems and conducting physical inspections. The goal is to determine adequate levels of protection, and make recommendations for design changes or procedural changes to ensure the mitigation of hazards and compliance with applicable standards, regulations and laws.</p>
System Safety Engineer I	Bachelors 6 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Software System Engineer	Bachelors 10 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Senior Application Engineer	Bachelors 8 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Senior Specialty Engineer	Bachelors 12 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Senior Engineer/Scientist IV	Bachelors 16 yrs experience, plus 10 yrs direct experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.



Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
Senior Engineer/ Scientist III	Bachelors 12 yrs experience, plus 6 yrs direct experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Senior Engineer/ Scientist II	Bachelors 9 yrs experience, plus 5 yrs direct experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Senior Engineer/ Scientist I	Bachelors 6 yrs experience, plus 3 yrs direct experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Engineer/ Scientist	Bachelors 2 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Junior Engineer/ Scientist	Bachelors 0 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Engineering Assistant	High School 6 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Engineering Aide III	High School 4 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance,

Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
		operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Engineering Aide II	High School 2 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials.
Engineering Aide I	High School 0 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials. Engineering Aides as well as Engineering Assistants work under the direction of a Senior Engineer. Junior Engineers and Engineer/Scientists can work independently but closely with a Senior Engineer/Senior Scientist. Senior Engineer/Senior Scientists are leads on projects and are tasked with responsibility of the success of the project.
Programmer III	Bachelors 8 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials. Engineering Aides as well as Engineering Assistants work under the direction of a Senior Engineer. Junior Engineers and Engineer/Scientists can work independently but closely with a Senior Engineer/Senior Scientist. Senior Engineer/Senior Scientists are leads on projects and are tasked with responsibility of the success of the project.
Programmer II	Bachelors 4 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance, operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials. Engineering Aides as well as Engineering Assistants work under the direction of a Senior Engineer. Junior Engineers and Engineer/Scientists can work independently but closely with a Senior Engineer/Senior Scientist. Senior Engineer/Senior Scientists are leads on projects and are tasked with responsibility of the success of the project.
Programmer I	Bachelors 0 yrs experience	Plans, schedules, conducts or coordinates detailed phases of the engineering or scientific work in a project or performs work that involves conventional engineering or scientific practices. Typical work may include research, development, design, testing, logistics, analysis, production, maintenance,

Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
		operation, planning, estimating, application, or standardization of engineering facilities, systems, structures, software applications, firmware, processes equipment, devices, or materials. Engineering Aides as well as Engineering Assistants work under the direction of a Senior Engineer. Junior Engineers and Engineer/Scientists can work independently but closely with a Senior Engineer/Senior Scientist. Senior Engineer/Senior Scientists are leads on projects and are tasked with responsibility of the success of the project.
Technician III	High School 5 yrs experience	Determine test specifications, procedures, and objectives. Determine nature of technical problems. Review project specifications to identify, modify and plan fabrication, assembly and testing. Devise, fabricate, and assemble new or modified mechanical components for products, such as industrial machinery or equipment, and measuring instruments. Set up and conduct tests of complete units and components under operational conditions to investigate proposals for improving equipment performance. Inspect lines and figures for clarity and return erroneous drawings to designer for correction. Analyze test results in relation to design or rated specifications and test objectives, and modify or adjust equipment to meet specifications. Evaluate tool drawing designs by measuring drawing dimensions and comparing with original specifications for form and function, using engineering skills.
Technician II	High School 3 yrs experience	Determine test specifications, procedures, and objectives. Determine nature of technical problems. Review project specifications to identify, modify and plan fabrication, assembly and testing. Devise, fabricate, and assemble new or modified mechanical components for products, such as industrial machinery or equipment, and measuring instruments. Set up and conduct tests of complete units and components under operational conditions to investigate proposals for improving equipment performance. Inspect lines and figures for clarity and return erroneous drawings to designer for correction. Analyze test results in relation to design or rated specifications and test objectives, and modify or adjust equipment to meet specifications. Evaluate tool drawing designs by measuring drawing dimensions and comparing with original specifications for form and function, using engineering skills.
Technician I	High School 1 yrs experience	Determine test specifications, procedures, and objectives. Determine nature of technical problems. Review project specifications to identify, modify and plan fabrication, assembly and testing. Devise, fabricate, and assemble new or modified mechanical components for products, such as industrial machinery or equipment, and measuring instruments. Set up and conduct tests of complete units and components under operational conditions to investigate proposals for improving equipment performance. Inspect lines and figures for clarity and return erroneous drawings to designer for correction. Analyze test results in relation to design or rated specifications and test objectives, and modify or adjust equipment to meet specifications. Evaluate tool drawing designs by measuring drawing dimensions and comparing with original specifications for form and function, using engineering skills.

Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
Health Physicist Technician	Bachelors 0 yrs experience	Provides analysis support in any of the following disciplines: engineering, science, business, financial, cost, or program management. Typical duties performed may include analysis; design; development; testing; integration; logistics; program management; cost, financial, or management analysis; or maintenance of systems, processes, programs, offices or products.
Health Physicist	Bachelors 6 yrs experience	Provides analysis support in any of the following disciplines: engineering, science, business, financial, cost, or program management. Typical duties performed may include analysis; design; development; testing; integration; logistics; program management; cost, financial, or management analysis; or maintenance of systems, processes, programs, offices or products.
Industrial Hygienist	Bachelors 4 yrs experience	Provides analysis support in any of the following disciplines: engineering, science, business, financial, cost, or program management. Typical duties performed may include analysis; design; development; testing; integration; logistics; program management; cost, financial, or management analysis; or maintenance of systems, processes, programs, offices or products.
Program Analyst I	Bachelors 2 yrs experience	Designs, develops, implements, tests, maintains, operates, and/or documents computer programs and systems. Other duties may include design, development, and/or implementation of databases with respect to access methods, access time, and device allocation, as well as maintenance of database files and monitoring of standards and procedures.
Program Analyst II	Bachelors 6 yrs experience	Designs, develops, implements, tests, maintains, operates, and/or documents computer programs and systems. Other duties may include design, development, and/or implementation of databases with respect to access methods, access time, and device allocation, as well as maintenance of database files and monitoring of standards and procedures.
Management Analyst III	Bachelors 16 yrs experience	Designs, develops, implements, tests, maintains, operates, and/or documents computer programs and systems. Other duties may include design, development, and/or implementation of databases with respect to access methods, access time, and device allocation, as well as maintenance of database files and monitoring of standards and procedures.
Management Analyst II	Bachelors 12 yrs experience	Provides support to technical or administrative staff in routine or special requests. Typical duties performed may include preparing budgets, maintaining estimates to completion, acquisition package preparation and tracking support for programs.
Sr. Analyst	Bachelors 6 yrs experience	Provides support to technical or administrative staff in routine or special requests. Typical duties performed may include preparing budgets, maintaining estimates to completion, acquisition package preparation and tracking support for programs.
Management Analyst I	Bachelors 9 yrs experience	Duties may include any of the following: competitive sourcing, outsourcing methodologies, value chain analysis, strategic planning, process improvement methodologies, change enablement and management, site-selection, and consolidation of operations. Other duties may include development of training curriculum to meet the unique needs of a particular customer's requirements, facilitate working groups and sessions, design schedules, conduct analyses, develop models, write reports, prepare

Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
		presentations, present results, perform data collection, and data reduction/consolidation requirements.
Analyst	Bachelors 2 yrs experience	Duties may include any of the following: competitive sourcing, outsourcing methodologies, value chain analysis, strategic planning, process improvement methodologies, change enablement and management, site-selection, and consolidation of operations. Other duties may include development of training curriculum to meet the unique needs of a particular customer's requirements, facilitate working groups and sessions, design schedules, conduct analyses, develop models, write reports, prepare presentations, present results, perform data collection, and data reduction/consolidation requirements.
Junior Analyst	Bachelors 0 yrs experience	Duties may include any of the following: competitive sourcing, outsourcing methodologies, value chain analysis, strategic planning, process improvement methodologies, change enablement and management, site-selection, and consolidation of operations. Other duties may include development of training curriculum to meet the unique needs of a particular customer's requirements, facilitate working groups and sessions, design schedules, conduct analyses, develop models, write reports, prepare presentations, present results, perform data collection, and data reduction/consolidation requirements.
Graphics/Tech Writer IV	High School 10 yrs experience	Works closely with Customers and employees to produce and manipulate graphics and visuals for informative and instructional material, website development, packaging, promotions, and advertisements. Duties also include formatting/editing/writing a variety of technical articles, reports, brochures, and/or manuals for a wide range of uses.
Graphics/Tech Writer III	High School 7 yrs experience	Works closely with Customers and employees to produce and manipulate graphics and visuals for informative and instructional material, website development, packaging, promotions, and advertisements. Duties also include formatting/editing/writing a variety of technical articles, reports, brochures, and/or manuals for a wide range of uses.
Graphics/Tech Writer II	High School 5 yrs experience	Works closely with Customers and employees to produce and manipulate graphics and visuals for informative and instructional material, website development, packaging, promotions, and advertisements. Duties also include formatting/editing/writing a variety of technical articles, reports, brochures, and/or manuals for a wide range of uses.
Graphics/Tech Writer I	High School 0 yrs experience	Works closely with Customers and employees to produce and manipulate graphics and visuals for informative and instructional material, website development, packaging, promotions, and advertisements. Duties also include formatting/editing/writing a variety of technical articles, reports, brochures, and/or manuals for a wide range of uses.
Administrative Manager	Bachelors 8 yrs experience	Performs diverse administrative duties. Initiates special reports, composes routine correspondence, and compiles statistical and budget information. Must be able to communicate with all levels of company personnel to gather and convey information.



Labor Categories	Labor Qualifications/ Minimum Requirements	Job Description
Admin. Assistant	High School 6 yrs experience	Performs diverse administrative duties. Initiates special reports, composes routine correspondence, and compiles statistical and budget information. Must be able to communicate with all levels of company personnel to gather and convey information.
Administrative Aide III	High School 4 yrs experience	Performs diverse administrative duties. Initiates special reports, composes routine correspondence, and compiles statistical and budget information. Must be able to communicate with all levels of company personnel to gather and convey information. Administrative Aides work under the direction of the Administrative Manager. The Administrative Assistant works independently but closely with the Administrative Manager. The Administrative Manager is the lead and is responsible for ensuring completion of all administrative duties.
Administrative Aide II	High School 2 yrs experience	Performs diverse administrative duties. Initiates special reports, composes routine correspondence, and compiles statistical and budget information. Must be able to communicate with all levels of company personnel to gather and convey information. Administrative Aides work under the direction of the Administrative Manager. The Administrative Assistant works independently but closely with the Administrative Manager. The Administrative Manager is the lead and is responsible for ensuring completion of all administrative duties.
Administrative Aide I	High School 0 yrs experience	Performs diverse administrative duties. Initiates special reports, composes routine correspondence, and compiles statistical and budget information. Must be able to communicate with all levels of company personnel to gather and convey information. Administrative Aides work under the direction of the Administrative Manager. The Administrative Assistant works independently but closely with the Administrative Manager. The Administrative Manager is the lead and is responsible for ensuring completion of all administrative duties.

2. Maximum order: **\$1,000,000.00**
3. Minimum order: **\$100.00**
4. Geographic coverage (delivery area): **Worldwide**
5. Point(s) of production (city, county, and State or foreign county): **Huntsville, Madison County, AL (HQ); Cocoa Beach, Brevard County, FL; Harisville, Weber County, UT**
6. Discount from list prices or statement of net price: **Price List follows, discounts negotiated by Task Order**
7. Quantity discounts: **Not Applicable**
8. Prompt payment terms: **Net 30 days.**





**Information for Ordering Offices: Prompt payment terms cannot be negotiated out of the contractual agreement in exchange for other concessions**

- 9a. Notification whether Government purchase cards are accepted or not accepted at or below the micro-purchase threshold: **Accepted.**
- 9b. Notification whether Government purchase cards are accepted or not accepted above the micro-purchase threshold: **Accepted.**
- 10. Foreign items (list items by country or origin): **Not Applicable**
- 11a. Time of delivery: **Not Applicable (Delivery time to be specified on individual Delivery/Task Orders.)**
- 11b. Expedited delivery: **Not Applicable**
- 11c. Overnight and 2-day delivery: **Not Applicable**
- 11d. Urgent Requirements: **In accordance with I-FSS-140-B URGENT REQUIREMENTS (Jan 1994), when the Federal Supply Schedule contract delivery period does not meet the bona fide urgent delivery requirements of an ordering agency, agencies are encouraged, if time permits, to contact the Contractor for the purpose of obtaining accelerated delivery. The Contractor shall reply to the inquiry within 3 workdays after receipt. (Telephonic replies shall be confirmed by the Contractor in writing.) If the Contractor offers an accelerated delivery time acceptable to the ordering agency, any order(s) placed pursuant to the agreed upon accelerated delivery time frame shall be delivered within this shorter delivery time and in accordance with all other terms and conditions of the contract. Agencies may also contact the contractor's representative to effect a faster delivery.**
- 12. F.O.B. point(s): **Destination**
- 13a. Ordering address: **A-P-T Research, Inc.  
ATTN: Rebecca Merrill, VP, Contracts  
4950 Research Drive  
Huntsville, AL 35805**
- 13b. Ordering procedures: **For supplies and services, the ordering procedures, information on Blanket Purchase Agreements (BPAs) are found in Federal Acquisition Regulation (FAR) 8.4.05-3.**
- 14. Payment address: **A-P-T Research, Inc.  
ATTN: Accounting  
4950 Research Drive  
Huntsville, AL 35805**



15. Warranty provision: **Warranties, if any, will be negotiated on a task by task basis**
16. Export packing charges, if applicable: **Not Applicable**
17. Terms and conditions of Government purchase card acceptance (any thresholds above the micro-purchase level): **Contact contractor.**
18. Terms and conditions of rental, maintenance, and repair (if applicable): **Not Applicable**
19. Terms and conditions of installation (if applicable): **Not Applicable**
20. Terms and conditions of repair parts indicating date of parts price lists and any discounts from price lists (if applicable): **Not Applicable**
- 20a. Terms and conditions for any other services (if applicable): **Not Applicable**
21. List of service and distribution points (if applicable): **Not Applicable**
22. List of participating dealers (if applicable): **Not Applicable**
23. Preventive maintenance (if applicable): **Not Applicable**
- 24a. Special attributes such as environmental attributes (e.g., recycled content, energy efficiency and/or reduced pollutants): **Not Applicable**
- 24b. If applicable, indicate that Section 508 compliance information is available on Electronic and Information Technology (EIT) supplies and services and show where full details can be found (e.g., contractor's website or other location.) The EIT standards can be found at [www.Section508.gov/](http://www.Section508.gov/): **Not Applicable**
25. Data Universal Number System (DUNS) number: **791195167**
26. System For Award Management (SAM) Registration is current and active through: **March 11, 2017**

**ALL AWARDED GSA PRICING IS SHOWN ON THE FOLLOWING PAGES**



## Current Rates

### A-P-T Research, Inc. and Labor Categories

All Categories, SINs 871-1, 871-4, 871-6 871-1RC, 871-4RC and 871-6RC.  
PEDs: ME (Mech) & EE (Elec)

Item	Labor Categories	Min Edu and Exp	Option 2	Option 3				
			Year 15 4/6/2015 - 4/5/2016	Year 16 4/6/2016 - 4/5/2017	Year 17 4/6/2017 - 4/5/2018	Year 18 4/6/2018 - 4/5/2019	Year 19 4/6/2019 - 4/5/2020	Year 20 4/6/2020 - 4/5/2021
1	Admin Assistant	High School, 6 yrs experience	\$56.74	\$58.56	\$60.43	\$62.36	\$64.36	\$66.42
2	Administrative Aide I	High School, 0 yrs experience	\$30.26	\$31.23	\$32.23	\$33.26	\$34.32	\$35.42
3	Administrative Aide II	High School, 2 yrs experience	\$37.83	\$39.04	\$40.29	\$41.58	\$42.91	\$44.28
4	Administrative Aide III	High School, 4 yrs experience	\$49.19	\$50.76	\$52.38	\$54.06	\$55.79	\$57.58
5	Administrative Mgr	High School, 8 yrs experience	\$71.88	\$74.18	\$76.55	\$79.00	\$81.53	\$84.14
6	Graphics/Tech Writer I	High School, 0 yrs experience	\$47.86	\$49.39	\$50.97	\$52.60	\$54.28	\$56.02
7	Graphics/Tech Writer II	High School, 5 yrs experience	\$60.36	\$62.29	\$64.28	\$66.34	\$68.46	\$70.65
8	Graphics/Tech Writer III	High School, 7 yrs experience	\$76.65	\$79.10	\$81.63	\$84.24	\$86.94	\$89.72
9	Graphics/Tech Writer IV	High School, 10 yrs experience	\$85.84	\$88.59	\$91.42	\$94.35	\$97.37	\$100.49
10	Management Analyst I	Bachelors, 9 yrs experience	\$90.79	\$93.70	\$96.70	\$99.79	\$102.99	\$106.28
11	Management Analyst II	Bachelors, 12 yrs experience	\$105.93	\$109.32	\$112.82	\$116.43	\$120.16	\$124.01
12	Management Analyst III	Bachelors, 16 yrs experience	\$124.84	\$128.83	\$132.95	\$137.20	\$141.59	\$146.12
13	Program Analyst I	Bachelors, 2 yrs experience	\$67.05	\$69.20	\$71.41	\$73.70	\$76.06	\$78.49
14	Program Analyst II	Bachelors, 6 yrs experience	\$84.69	\$87.40	\$90.20	\$93.09	\$96.07	\$99.14
15	Programmer I	Bachelors, 0 yrs experience	\$60.34	\$62.27	\$64.26	\$66.32	\$68.44	\$70.63
16	Programmer II	Bachelors, 4 yrs experience	\$83.14	\$85.80	\$88.55	\$91.38	\$94.30	\$97.32



Item	Labor Categories	Min Edu and Exp	Option 2	Option 3				
			Year 15 4/6/2015 - 4/5/2016	Year 16 4/6/2016 - 4/5/2017	Year 17 4/6/2017 - 4/5/2018	Year 18 4/6/2018 - 4/5/2019	Year 19 4/6/2019 - 4/5/2020	Year 20 4/6/2020 - 4/5/2021
17	Programmer III	Bachelors, 8 yrs experience	\$101.98	\$105.24	\$108.61	\$112.09	\$115.68	\$119.38
18	Jr Analyst	Bachelors, 0 yrs experience	\$56.74	\$58.56	\$60.43	\$62.36	\$64.36	\$66.42
19	Analyst	Bachelors, 2 yrs experience	\$71.88	\$74.18	\$76.55	\$79.00	\$81.53	\$84.14
20	Sr Analyst	Bachelors, 6 yrs experience	\$105.93	\$109.32	\$112.82	\$116.43	\$120.16	\$124.01
21	Technician I	High School, 1 yrs experience	\$57.17	\$59.00	\$60.89	\$62.84	\$64.85	\$66.93
22	Technician II	High School, 3 yrs experience	\$64.56	\$66.63	\$68.76	\$70.96	\$73.23	\$75.57
23	Technician III	High School, 5 yrs experience	\$78.31	\$80.82	\$83.41	\$86.08	\$88.83	\$91.67
24	Engineering Aide I	High School, 0 yrs experience	\$30.26	\$31.23	\$32.23	\$33.26	\$34.33	\$35.42
25	Engineering Aide II	High School, 2 yrs experience	\$37.83	\$39.04	\$40.29	\$41.58	\$42.91	\$44.28
26	Engineering Aide III	High School, 4 yrs experience	\$49.19	\$50.76	\$52.38	\$54.06	\$55.79	\$57.58
27	Engineering Assistant	High School, 6 yrs experience	\$56.74	\$58.56	\$60.43	\$62.36	\$64.36	\$66.42
28	Jr Engineer	Bachelors, 0 yrs experience	\$71.88	\$74.18	\$76.55	\$79.00	\$81.53	\$84.14
29	Engineer, Scientist	Bachelors, 2 yrs experience	\$90.79	\$93.70	\$96.70	\$99.79	\$102.98	\$106.28
30	Sr Engineer, Sr Scientist I	Bachelors 6 yrs experience, plus 3 yrs direct experience	\$105.93	\$109.32	\$112.82	\$116.43	\$120.16	\$124.01
31	Sr Engineer, Sr Scientist II	Bachelors 9 yrs experience, plus 5 yrs direct experience	\$138.89	\$143.33	\$147.92	\$152.65	\$157.53	\$162.57
32	Sr Engineer, Sr Scientist III	Bachelors 12 yrs experience, plus 6 yrs direct experience	\$146.16	\$150.84	\$155.67	\$160.65	\$165.79	\$171.10
33	Sr Engineer, Sr Scientist IV	Bachelors 16 yrs experience, plus 10 yrs direct experience	\$161.05	\$166.20	\$171.52	\$177.01	\$182.67	\$188.52



Item	Labor Categories	Min Edu and Exp	Option 2	Option 3				
			Year 15 4/6/2015 - 4/5/2016	Year 16 4/6/2016 - 4/5/2017	Year 17 4/6/2017 - 4/5/2018	Year 18 4/6/2018 - 4/5/2019	Year 19 4/6/2019 - 4/5/2020	Year 20 4/6/2020 - 4/5/2021
34	System Safety Engineer I	Bachelors, 6 yrs experience	\$100.61	\$103.83	\$107.15	\$110.58	\$114.12	\$117.77
35	System Safety Engineer II	Bachelors, 8 yrs experience	\$116.47	\$120.20	\$124.05	\$128.02	\$132.12	\$136.35
36	System Safety Engineer III	Bachelors, 12 yrs experience	\$142.24	\$146.79	\$151.49	\$156.34	\$161.34	\$166.50
37	Sr Application Engineer	Bachelors, 16 yrs experience	\$120.89	\$124.76	\$128.75	\$132.87	\$137.12	\$141.51
38	Software System Engineer	Bachelors, 10 yrs experience	\$138.07	\$142.49	\$147.05	\$151.76	\$156.62	\$161.63
39	Sr Specialty Engineer	Bachelors, 12 yrs experience	\$150.51	\$155.33	\$160.30	\$165.43	\$170.72	\$176.18
40	Princ Engineer	Bachelors, 16 yrs experience	\$155.62	\$160.60	\$165.74	\$171.04	\$176.52	\$182.16
41	Health Physicist Technician	Bachelors, 0 yrs experience	\$84.69	\$87.40	\$90.20	\$93.09	\$96.07	\$99.14
42	Health Physicist	Bachelors, 6 yrs experience	\$116.47	\$120.20	\$124.05	\$128.02	\$132.11	\$136.34
43	Industrial Hygienist	Bachelors, 4 yrs experience	\$98.82	\$101.98	\$105.24	\$108.61	\$112.09	\$115.67
44	Task Leader, Group Leader	Masters 9 yrs experience, Bachelors 13 yrs experience	\$124.84	\$128.83	\$132.95	\$137.21	\$141.60	\$146.13
45	Program Mgr, Project Leader	Masters, 12 yrs experience, Bachelors, 16 yrs experience, plus 3 yrs leadership	\$143.79	\$148.39	\$153.14	\$158.04	\$163.10	\$168.32
46	Technical/Division Mgr	Masters, 16 yrs experience, Bachelors, 20 yrs experience, plus 7 yrs leadership	\$175.01	\$180.61	\$186.39	\$192.35	\$198.51	\$204.86
47	Task Order PM	Masters 20 yrs experience, Bachelors 24	\$184.41	\$190.31	\$196.40	\$202.68	\$209.17	\$215.86
48	Sr Management/Technical I	Bachelors, 10 yrs experience	\$150.23	\$155.04	\$160.00	\$165.12	\$170.41	\$175.86
49	Sr Management/Technical II	Bachelors, 12 yrs experience	\$166.53	\$171.86	\$177.36	\$183.04	\$188.89	\$194.94



Item	Labor Categories	Min Edu and Exp	Option 2	Option 3				
			Year 15 4/6/2015 - 4/5/2016	Year 16 4/6/2016 - 4/5/2017	Year 17 4/6/2017 - 4/5/2018	Year 18 4/6/2018 - 4/5/2019	Year 19 4/6/2019 - 4/5/2020	Year 20 4/6/2020 - 4/5/2021
50	Sr Management/Technical III	Bachelors, 15 yrs experience	\$172.69	\$178.22	\$183.92	\$189.81	\$195.88	\$202.15
51	Technical Subject Expert I	Bachelors, 14 yrs experience, Internationally Recognized Expert	\$192.79	\$198.96	\$205.33	\$211.90	\$218.68	\$225.68
52	Sr Princ Investigator I	Masters 25 yrs experience, Bachelors 29 yrs experience, plus 15 yrs direct experience	\$199.55	\$205.94	\$212.53	\$219.33	\$226.35	\$233.59
53	Sr Princ Investigator II	Masters 30 yrs experience, Bachelors 34 yrs experience, plus 20 yrs direct experience	\$211.86	\$218.64	\$225.64	\$232.86	\$240.31	\$248.00
54	Sr Princ Investigator III	Masters 35 yrs experience, Bachelors 39 yrs experience, plus 25 yrs direct experience	\$225.03	\$232.23	\$239.66	\$247.33	\$255.24	\$263.41